

## Claims

The claimed invention is:

- 1 1. A video display device comprising:  
2 a display configured to display a plurality of selection  
3 options;  
4 a processor operatively coupled to the display and  
5 configured to sequentially highlight each of the plurality of  
6 selection options for a period of time and configured to receive  
7 a selection gesture from the user for selecting a highlighted  
8 selection option.
- 1 2. The video display device of Claim 1, wherein the processor  
2 is configured to highlight each of the plurality of selection  
3 options by causing the display to display one of each of the  
4 plurality of selection options for the period of time.
- 1 3. The video display device of Claim 1, wherein the processor  
2 is configured to highlight each of the plurality of selection  
3 options by causing the display to alter a display characteristic  
4 for one of each of the plurality of selection options for the  
5 period of time.

1 4. The video display device of Claim 1, comprising an audio  
2 output device, wherein the processor is configured to highlight  
3 each of the plurality of selection options by causing the audio  
4 output device to sequentially output an audio indication  
5 associated with a corresponding one of each of the plurality of  
6 selection options.

1 5. The video display device of Claim 1, comprising a camera  
2 operatively coupled to the processor for acquiring an image of  
3 the user containing the selection gesture.

1 6. The video display device of Claim 5, wherein the image  
2 information is contained in a plurality of images and wherein  
3 the processor is configured to analyze the plurality of images  
4 to determine the selection gesture.

1 7. The video display device of Claim 5, wherein the image  
2 information is contained in a plurality of images and wherein  
3 the processor is configured to determine the selection gesture  
4 by analyzing the plurality of images and determining a  
5 trajectory of a hand of the user.

1 8. The video display device, of Claim 1, wherein the processor  
2 is configured to determine the selection gesture by analyzing an  
3 image of the user and determining a posture of a hand of the  
4 user.

1 9. The video display device of Claim 1, wherein the video  
2 display device is a television.

1 10. A method of providing a user interface containing a  
2 plurality of selection options, the method comprising the acts  
3 of:

4 displaying a plurality of selection options;

5 highlighting each one of the plurality of selection options  
6 sequentially;

7 analyzing an image of the user to determine whether the  
8 image contains a selection gesture for a highlighted selection  
9 option.

1 11. The method of Claim 10, wherein analyzing the image  
2 comprises:

3 receiving a plurality of images; and

4 analyzing the plurality of images to determine whether the  
5 plurality of images contains a selection gesture.

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1 12. The method of Claim 10, wherein analyzing the image  
2 comprises:

3 receiving a plurality of images;

4 analyzing the plurality of images to determine a trajectory  
5 of a hand of the user; and

6 determining whether the plurality of images contains a  
7 selection gesture by the determined trajectory.

1 13. The method of Claim 10, wherein analyzing the image  
2 comprises:

3 analyzing an image of the user to determine a posture of a  
4 hand of the user; and

5 determining whether the image contains a selection gesture  
6 by the determined posture.

1 14. A program portion stored on a processor readable medium for  
2 providing a user interface containing a plurality of selection  
3 options, the program segment comprising:

4 a program segment for controlling a display of the  
5 plurality of selection options;

6 a program segment for highlighting each one of the  
7 plurality of selection options for a period of time;

8 a program segment for analyzing an image of a user to  
9 determine whether the image contains a selection gesture; and  
10 a program segment for performing a selection option if a  
11 selection gesture is received while the selection option is  
12 highlighted.

1 15. The program portion of Claim 14, wherein the program  
2 segment for analyzing the image comprises:

3 a program segment for controlling receipt of a plurality of  
4 images; and

5 a program segment for analyzing the plurality of images to  
6 determine whether the selection gesture is received.

1 16. The program portion of Claim 14, wherein the program  
2 segment for analyzing the image comprises:

3 a program segment for controlling receipt of a plurality of  
4 images;

5 a program segment for analyzing the plurality of images to  
6 determine a trajectory of a hand of the user; and

7 a program segment for determining whether the selection  
8 gesture is received by the determined trajectory.

1 17. The program portion of Claim 14, wherein the program  
2 segment for analyzing the image comprises:  
3 a program segment for analyzing an image of the user to  
4 determine a posture of a hand of the user; and  
5 a program segment for determining whether the selection  
6 gesture is received by the determined posture.

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